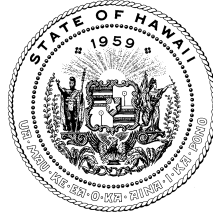


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ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

## **NATURAL AREA RESERVES SYSTEM COMMISSION MEETING**

**DATE:** August 7, 2006

**TIME:** 9:00 a.m. - 4:30 p.m.

**PLACE:** DLNR Boardroom, 1151 Punchbowl Street, Honolulu, Hawai'i

### **AGENDA**

1. Call to order and introduction of members.
2. Minutes of the June 5, 2006 Natural Area Reserves System Commission Meeting.
3. `Ahihi-Kina`u Draft Management Plan: discussion and action.
4. Proposed changes to HAR 13-209 (Closure and Special Use Permit Criteria and Process): Summary of comments received as Public Hearing and during public comment period and next steps: Christen Mitchell.
5. Strategic Planning Sub Committee: June 23, 2006 Meeting Report on status of integrating all partners in working across programs and landscapes including new staff positions: Dale Bonar.
  - 5.a. Hawaii Invasive Species Council: Overview by Mindy Wilkinson, Invasive Species Coordinator.
  - 5.b. Strategic Planning Retreat: Dale Bonar.
6. Special Use Permit Application: Mr. Frank J. Bonaccorso, Pacific Ecosystems Research Center, US Geological Survey Hawaiian Bat Research Cooperative, to conduct a study of habitat occupancy and detectability of the Hawaiian hoary bat using an automated system of bat detectors, Waiakea 1042 Lava Flow, Laupahoehoe, and Manuka Natural Area Reserves. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
7. Special Use Permit Application: Dr. Patrick O'Grady, Professor, University of California, Berkeley, to conduct a comparative Phylogenetic study of independent Hawaiian insect lineages, and an investigation of population genetics of the recently formed spoon tarsus group of Hawaiian picture wing flies in the genus *Drosophila*, in Ku`ia, Hono O Na Pali, Ka`ala, Pahole, Pu`u Ali`i, Manuka, Laupahoehoe, Pu`u Maka`ala, Kahauale`a, Pu`u O `Umi Natural Area Reserves. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.

8. Special Use Permit Application: Dr. Sara Hotchkiss, Professor, University of Michigan, to conduct further monitoring and research on the response of high elevation ecosystems to global climate change on the extreme North east side of Haleakala, in Hanawi Natural Area Reserve. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
9. Special Use Permit Application: Ms. Adelle Cooper, Graduate Student, Indiana University, to conduct a study of the evolution of color patterns and mating system of the Hawaiian damselflies (*Megalagrion*) in Ka`ala, West Maui Kahakuloa Section, Hanawi, and Pu`u O`Umi Natural Area Reserves. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
10. Special Use Permit Application: Mr. Alvin Powell, Writer, Winthrop, Massachusetts, to document and interview Maui Forest Bird Recovery Project staff in Hanawi Natural Area Reserve and to gather information for a planned book about the po`ouli and other forest bird species, to convey what scientists and land managers have faced in their efforts to safeguard these habitats and the species that rely on them. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
11. Special Use Permit: Dr. Kenneth Kaneshiro, Center for Conservation Research and Training, University of Hawai`i and NHK Japan, to film Dr. Kaneshiro's work with Hawaiian picture wing flies (*Drosophila*) in Ka`ala Natural Area Reserve. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
12. Special Use Permit Application: Mr. Larry Kimura, for access to Waiau, Mauna Kea Ice Age Natural Area Reserve for traditional purposes, to show other family members the site. Action by the NARS Commission to review, approve, defer, make other recommendations, or deny recommendation to the Board of Land and Natural Resources.
13. Announcements.
14. Adjournment.

**Meeting materials are available for public review in advance of the meeting. Contact the NARS Commission Executive Secretary. If you require special assistance or auxiliary aids or services to participate in the public hearing process (i.e. sign language interpreter, wheelchair accessibility, or parking designated for the disabled), please contact the NARS Commission Executive Secretary 72 hours prior to the meeting so that arrangements can be made (808) 587-0063.**